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CENTRAL VALLEY REGION

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[TENTATIVE] MONITORING & REPORTING PROGRAM (MRP)
R5-2024-XXXX



ORDER INFORMATION

Order Type(s):	Monitoring & Reporting Program (MRP)
Status:	TENTATIVE
Program:	Site Cleanup
Region 5 Office:	Fresno
Discharger(s):	Dunavant Enterprises, Inc
Facility:	Producers Cotton Oil Company
Address:	2925 South Maple, Fresno
County:	Fresno County
Parcel Nos.:	330-200-15S
GeoTracker ID:	SL185224250
Prior Order(s):	WDR 92-195

CERTIFICATION

I, PATRICK PULUPA, Executive Officer, hereby certify that the following is a full, true, and correct copy of the order adopted by the California Regional Water Quality Control Board, Central Valley Region, on _____ October 2024.

PATRICK PULUPA,
Executive Officer

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TABLE OF CONTENTS

TABLE INDEX	iii
GLOSSARY	iv
PREFACE	1
MONITORING & REPORTING PROGRAM	2
A. General Provisions	2
1. Incorporation of Standard Provisions	2
2. Monitoring Provisions in WDRs Order	2
3. Compliance with Title 27	2
4. Sample Collection and Analysis Plan (SCAP)	2
B. Detection Monitoring Program (DMP)	3
1. Groundwater	3
a. Required Network	3
b. Sample Collection and Analysis	4
c. Groundwater Conditions	5
2. Unsaturated Zone	6
3. Surface Water	6
4. Summary of Water Quality Protection Standard (WQPS) Components	6
a. Compliance Period	6
b. Monitoring Points	6
c. Point of Compliance (POC)	6
d. Constituents of Concern (COCs)	7
e. Monitoring Parameters	7

f. Concentration Limits	7
g. Retesting Procedures	8
C. Corrective Action Monitoring Program (CAMP).....	8
D. Additional Facility Monitoring	8
1. Regular Visual Inspection.....	8
2. Annual Facility Inspections.....	9
3. Major Storm Events.....	9
4. Annual Iso-Settlement Surveys	9
E. Reporting Requirements.....	10
1. Semiannual Monitoring Reports (SMRs).....	10
2. Annual Monitoring Reports (AMRs).....	12
3. Annual Facility Inspection Report.....	13
4. Major Storm Event Reports	13
5. Survey and Iso-Settlement Map	13
6. Financial Assurances Report	13
7. Water Quality Protection Standard Report.....	14
8. General Reporting Provisions	15
a. Transmittal Letters	15
b. Monitoring Data and Reports	15
c. Compliance with SPRRs.....	16
d. Additional Requirements for Monitoring Reports	16
F. Record Retention Requirements.....	16

TABLE INDEX

Table 1—Groundwater Monitoring Network 3

Table 2—Groundwater Detection Monitoring, Physical Parameters 4

Table 3—Groundwater Detection Monitoring, Constituent Parameters..... 4

Table 4—Groundwater Detection Monitoring, Groundwater Conditions..... 5

Table 5—Criteria for Regular Visual Inspections..... 8

Table 6—Regular Visual Inspection Schedule 9

Table 7—Summary of Required Reports 10

GLOSSARY

AMR	Annual Monitoring Report
CalRecycle	California Department of Resources Recycling and Recovery
CAMP	Corrective Action Monitoring Program
C.F.R.....	Code of Federal Regulations
CIWQS	California Integrated Water Quality System Project
COCs	Constituents of Concern
DMP	Detection Monitoring Program
DWR.....	California Department of Water Resources
EC	Electrical Conductivity
ELAP	State Water Board's Environmental Laboratory Accreditation Program (formerly administered by California Department of Public Health)
EMP	Evaluation Monitoring Program
Five-Year COCs	Five-Year Constituents of Concern
GeoTracker	State Water Board's Data Management System for Sites with Potential Groundwater Impact
MDL.....	Method Detection Limit
Method TO-15 VOCs.....	Volatile Organic Compounds associated with USEPA Method TO-15
MRP	Monitoring and Reporting Program
N/A	Not Applicable
PID	Photo Ionization Detector

POC	Point of Compliance for Water Quality Protection Standard
QA/QC.....	Quality Assurance/Quality Control
Qualified Professional	Professional Civil Engineer or Geologist licensed by the State of California
RL.....	Reporting Limit
ROWD.....	Report of Waste Discharge
SCAP	Sample Collection and Analysis Plan
SGP.....	Soil Pore Gas
SI.....	Surface Impoundment
SMR	Semiannual Monitoring Report
SPRRs / Standard Provisions	Standard Provisions and Reporting Requirements for Nonhazardous Solid Waste Discharges Regulated by Subtitle D and/or Title 27 Municipal Solid Waste Facilities, December 2015 Edition
TDS.....	Total Dissolved Solids
Title 27	California Code of Regulations, Title 27
USEPA.....	United States Environmental Protection Agency
VOCs.....	Volatile Organic Compounds
WDRs.....	Waste Discharge Requirements
WMU	Waste Management Unit
WQPS	Water Quality Protection Standard

UNITS

ft ³ / min	Cubic Feet per Minute
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°FDegrees Fahrenheit

Gallons/Day.....Gallons per Day

mg/LMilligrams per Liter

µg/L.....Micrograms per Liter

µmhos/cm.....Microsiemens per Centimeter

µg/cm³Micrograms per Cubic Centimeter

NTUsNephelometric Turbidity Units

% Vol.....Percent by Volume

Inches HgInches of Mercury (Barometric Pressure)

MM Hg VacuumMillimeters of Mercury (Barometric Pressure)

PREFACE

Adopted by the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) pursuant to Water Code section 13267, subdivision (b)(1), this Order establishes a Monitoring and Reporting Program (MRP) for Dunavant Enterprises, Inc. (Discharger), which own and operate the Producers Cotton Oil Company (Facility) in Fresno County. Additional information regarding the Facility is set forth in the enumerated findings of Waste Discharge Requirements Order R5-2024-XXXX (WDRs Order). Except as otherwise provided in the following MRP, these findings are incorporated herein.

The MRP also contains supplemental findings related to monitoring and reporting activities, and/or Facility conditions. For the purposes of California Code of Regulations, title 27 (Title 27) (e.g., §§ 21720, 20380-20435), the findings and provisions of this Order are conversely incorporated as part of the WDRs Order as well.

Although adopted with the WDRs Order, this is a separate order subject to subsequent revision by the Executive Officer in accordance with delegated authority per Water Code section 13223. For the purposes of Title 27, such revisions shall be automatically incorporated as part of the WDRs Order.

MONITORING & REPORTING PROGRAM

IT IS HEREBY ORDERED, pursuant to Water Code section 13267: that all previously issued Monitoring and Reporting Program(s) for the discharge of solid waste at the Facility are rescinded (except for enforcement purposes); and that the Discharger, their agents, employees and successors shall comply with the following Monitoring and Reporting Program (MRP). The Discharger shall not implement any changes until another revised MRP is issued by the Central Valley Water Board or its Executive Officer.

A. General Provisions

1. Incorporation of Standard Provisions

The Discharger shall comply with all relevant provisions of the *Standard Provisions and Reporting Requirements for Nonhazardous Solid Waste Discharges Regulated by Subtitle D and/or Title 27 Municipal Solid Waste Facilities, April 2016 Edition* (SPRRs or Standard Provisions), which are incorporated herein. See, e.g., SPRRs section I (*Standard Monitoring Specifications*) and section J (*Response to Release*).

2. Monitoring Provisions in WDRs Order

The Discharger shall comply with all “Monitoring Provisions” in the Facility’s operative Title 27 WDRs Order, which are also incorporated herein.

3. Compliance with Title 27

The Discharger shall comply with all of Title 27 provisions as they pertain to activities described in this MRP (including SPRRs).

4. Sample Collection and Analysis Plan (SCAP)

All samples shall be collected, preserved and transported in accordance with the approved Sample Collection and Analysis Plan (SCAP) and the Quality Assurance/Quality Control (QA/QC) standards specified therein. The Discharger may use alternative analytical test methods (including new USEPA-approved methods), provided that the alternative methods have method detection limits (MDLs) equal to or lower than the analytical methods specified in this MRP and are identified in the approved SCAP.

B. Detection Monitoring Program (DMP)

To detect a release at the earliest possible time (see Title 27, § 20420, subd. (b)), the Discharger shall implement a Detection Monitoring Program (DMP) for groundwater, surface water, and the unsaturated zone in accordance with the provisions of Title 27, particularly sections 20415 and 20420.

Groundwater, unsaturated zone, and surface water¹ detection monitoring networks shall be revised (as needed).

1. Groundwater

a. Required Network

The Facility's groundwater monitoring well network consists of the wells listed in **Table 1**.² As of the date of this Order, the network meets the requirements of Title 27. (Title 27, § 20415, subd. (b).)

Table 1—Groundwater Monitoring Network

Well	Program	Point of Compliance (WQPS)
MW-1R	Background	Yes
MW-2R	Detection	Yes
MW-3R	Planned	Yes
MW-4R	Detection	Yes
MW-5R	Planned	Yes

See Glossary for definitions of terms and abbreviations in table.

¹ I.e., to the extent that surface water detection monitoring is required under this Order.

² Non-background monitoring wells at the Point of Compliance constitute "Monitoring Points" for purposes of the Water Quality Protection Standard (WQPS).

b. Sample Collection and Analysis

Groundwater samples shall be collected from each well and analyzed for Monitoring Parameters listed in **Table 2** (Physical Parameters) and **Table 3** (Constituent Parameters), in accordance with the specified schedule for each parameter. (Title 27, § 20420, subs. (e)-(f).)

Table 2—Groundwater Detection Monitoring, Physical Parameters

Physical Parameter	Units	Sampling Frequency	Reporting Frequency
Temperature	°F	Semiannual	Semiannual
Electrical Conductivity	µmhos/cm	Semiannual	Semiannual
pH	pH Units	Semiannual	Semiannual
Turbidity	NTUs	Semiannual	Semiannual
Oxidation/Reduction Potential (ORP)	millivolts	Semiannual	Semiannual
Dissolved Oxygen	-	Semiannual	Semiannual

See Glossary for definitions of terms and abbreviations in table.

Table 3—Groundwater Detection Monitoring, Constituent Parameters

Constituent Parameter	Units	Sampling Frequency	Reporting Frequency
TDS	mg/L	Semiannual	Semiannual
Sulfate	mg/L	Semiannual	Semiannual
Nitrogen	mg/L	Semiannual	Semiannual
Nitrate	mg/L	Semiannual	Semiannual
Fluoride	mg/L	Semiannual	Semiannual
Chlorine	mg/L	Semiannual	Semiannual
Alkalinity	mg/L	Semiannual	Semiannual
Calcium	mg/L	Semiannual	Semiannual
Magnesium	mg/L	Semiannual	Semiannual

Constituent Parameter	Units	Sampling Frequency	Reporting Frequency
Sodium	mg/L	Semiannual	Semiannual
Potassium	mg/L	Semiannual	Semiannual
Lead	mg/L	Semiannual	Semiannual
Copper	mg/L	Semiannual	Semiannual
Zinc	mg/L	Semiannual	Semiannual
Manganese	mg/L	Semiannual	Semiannual
Hardness	mg/L	Semiannual	Semiannual

See Glossary for definitions of terms and abbreviations in table.

c. Groundwater Conditions

Each quarter, the Discharger shall monitor the Groundwater Conditions specified in **Table 4**, with the result of such monitoring being reported semiannually per **Section E.1.**³ (Title 27, § 20415, subd. (b)(1).)

Table 4—Groundwater Detection Monitoring, Groundwater Conditions

Groundwater Condition	Monitoring Frequency	Reporting Frequency
Elevation (Well-Specific)	Quarterly	Semiannual
Gradient	Quarterly	Semiannual
Flow Rate	Quarterly	Semiannual

³ To the extent feasible, this information shall be determined separately for: (1) the uppermost aquifer; (2) any zones of perched water; and (3) any additional zone of saturation monitored based upon water level elevations taken prior to the collection of the water quality data submitted in the report. (Title 27, § 20415, subd. (e)(15).)

2. Unsaturated Zone

As of the date of this Order, there are no unsaturated zone monitoring requirements for the Facility.

3. Surface Water

As of the date of this Order, there are no surface water monitoring requirements for the Facility.

4. Summary of Water Quality Protection Standard (WQPS) Components

The Water Quality Protection Standard (WQPS) is the Title 27 analytical framework through which an individual WMU is monitored for releases and impacts to water quality, i.e., the Detection Monitoring Program (DMP). (See Title 27, § 20390, subd. (a).) As explained in further detail below, for the duration of the Compliance Period, the Monitoring Points situated at a WMU's Point of Compliance are sampled and analyzed for Monitoring Parameters indicative of a release. If concentrations of Constituents of Concern exceed Concentration Limits, the results are confirmed through Retesting Procedures.

a. Compliance Period

The "compliance period" is the minimum time for which a water quality monitoring will be required—i.e., equal to the sum of active years and the closure period. (Title 27, § 20410.) The period restarts each time an Evaluation Monitoring Program (EMP) is initiated for a given WMU. (Id., §§ 20410(a), 20415, 20425.) If a WMU is in corrective action, the period continues until it is demonstrated that the WMU has been in continuous compliance with its WQPS for at least three years. (Id., § 20410, subd. (c).)

b. Monitoring Points

For WQPS purposes, a "monitoring point" is any well, device, or location where monitoring is conducted, and is specified in the Facility's WDRs and subject to the WQPS. (Title 27, § 20164.) Monitoring Points are listed in **Section B** (Detection Monitoring Program)—specifically **Table 1** (Groundwater).

c. Point of Compliance (POC)

The Point of Compliance (POC) is a vertical plane at the WMU's hydraulically downgradient limit, extending through the uppermost

underlying aquifer. (Title 27, §§ 10164, 20405(a).) The Facility's POC monitoring wells are listed below in **Table 1**.

d. Constituents of Concern (COCs)

Constituents of Concern (COCs) are waste constituents, reaction products, and hazardous constituents that are reasonably expected to be in or derived from waste contained in a WMU. (Title 27, §§ 20164, 20395.)

e. Monitoring Parameters

Monitoring Parameters are a predetermined set of COCs and measurable physical characteristics (e.g., temp., electrical conductivity, pH), which serve as reliable indicators of a WMU release, and for which samples will therefore be routinely analyzed. (Title 27, §§ 20164, 20395(a), 20420(e)-(f).) For the purposes of this MRP, the Monitoring Parameters are:

i. For **Groundwater**, those in **Table 2** and **Table 3**;

f. Concentration Limits

The Concentration Limit for each COC is the "background concentration," as determined by the statistical methods outlined in subdivision (e)(8) of Title 27, section 20415.⁴ (Title 27, § 20400, subds. (a), (b).)

Concentration Limits shall be proposed and/or updated by the Discharger on an annual basis, in the Annual Monitoring Report (AMR) submitted per **Section E.2** here.

Unless expressly rejected by the Executive Officer in writing, these Concentration Limits shall be incorporated as part of this Order.

If the Discharger fails to submit periodically updated concentration limits, as provided in this MRP, the existing concentration limits shall remain operative, provided that, where appropriate, the

⁴ Concentration Limits are initially proposed by the discharger, then reviewed and approved by the Central Valley Water Board (subject to any necessary revisions). The limits specified herein are approved and incorporated as part of the Facility's WDRs.

Executive Officer may revert to lower concentrations where warranted based on existing monitoring data.

g. Retesting Procedures

If monitoring results indicate measurably significant evidence of a release, as described in Section I.45 of the SPRRs (Standard Monitoring Specifications), the Discharger shall apply the following:

- ii. **Non-Statistical Retesting Procedures (SPRRs, § I.46)** for analytes detected in less than 10 percent of background samples (e.g., non-naturally occurring COCs); and
- iii. **Statistical Retesting Procedures (SPRRs, § I.46)** for analytes detected in at least 10 percent of background samples (e.g., naturally occurring COCs).

C. Corrective Action Monitoring Program (CAMP)

There are no additional CAMP monitoring requirements other than compliance with the DMP monitoring requirements to demonstrate the effectiveness of ongoing correction action at the Facility.

D. Additional Facility Monitoring

1. Regular Visual Inspection

The Discharger shall perform regular visual inspections at the Facility in accordance with **Table 5** (Criteria) and **Table 6** (Schedule). Results of these regular visual inspections shall be included in Semiannual Monitoring Reports per **Section E.1**.

Table 5—Criteria for Regular Visual Inspections

Category	Criteria
Within Unit	<ul style="list-style-type: none">• Evidence of ponded water at any point on unit outside of any storm water structures.• Evidence of erosion.

Category	Criteria
Receiving Waters	<ul style="list-style-type: none"> Floating and suspended materials of waste origin—presence or absence, source and size of affected areas. Discoloration and turbidity—description of color, source and size of affected areas.

Table 6—Regular Visual Inspection Schedule

Category	Wet Season (1 Oct. to 30 April)	Dry Season (1 May to 30 Sept.)
Inactive or Closed Units	Monthly	Quarterly

2. Annual Facility Inspections

Prior to **30 September** of each year, the Discharger shall inspect the Facility to assess repair and maintenance needs for drainage control systems, cover systems and groundwater monitoring wells; and preparedness for winter conditions (e.g., erosion and sedimentation control). If repairs are made as result of the annual inspection, problem areas shall be photographed before and after repairs. Any necessary construction, maintenance, or repairs shall be completed by 31 October. See **Section E.3** for Reporting Requirements.

3. Major Storm Events

Within seven days of any storm event capable of causing damage or significant erosion (Major Storm Event), the Discharger shall inspect the Facility for damage to any precipitation, diversion and drainage facilities, and all landfill side slopes. Necessary repairs shall be completed within 30 days of the inspection. The Discharger shall take photos of any problem areas before and after repairs. See **Section E.4** for Reporting Requirements.

4. Annual Iso-Settlement Surveys

Every year, the Discharger shall conduct an iso-settlement survey of each closed unit and produce an iso-settlement map accurately depicting the

estimated total change in elevation of each portion of the final cover’s low-hydraulic-conductivity layer. This map shall show the total lowering of the surface elevation of the final cover, relative to the baseline topographic map. (Title 27, § 21090, subd. (e)(1)-(2).) See **Section E.5** for Reporting Requirements.

E. Reporting Requirements

Table 7—Summary of Required Reports

Section	Report	Deadline
§ E.1	Semiannual Monitoring Reports (SMRs)	1 August (1 January to 30 June) 1 February (1 July to 31 December)
§ E.2	Annual Monitoring Reports (AMRs)	1 February
§ E.3	Annual Facility Inspection Reports	15 November
§ E.4	Major Storm Reporting	Immediately after Damage Discovery <i>(staff notification)</i> Within 14 Days of Completing Repairs <i>(written report, photos)</i>
§ E.5	Survey and Iso-Settlement Mapping	15 November (Next Due in 2025)
§ E.6	Financial Assurances Reports	1 June
§ E.7	Water Quality Protection Standard Reports	Proposed Revisions (excluding Concentration Limits)

1. Semiannual Monitoring Reports (SMRs)

The Discharger shall submit Semiannual Monitoring Reports (SMRs) on 1 August (1 Jan. to 30 June) and 1 February (1 July to 31 Dec.). SMRs shall contain the following materials and information:

- a. A statement affirming that all sampling activities referenced in the report were conducted in accordance with the approved SCAP (see § A.4).
- b. Map(s)/aerial photograph(s) depicting locations of all observation stations, monitoring points referenced in the report.
- c. In tabulated format, all monitoring data required to be reported on a semiannual basis, including Groundwater Conditions and Monitoring Parameters. (See **Section E.8.b** for additional requirements.)
- d. For each groundwater monitoring point referenced in the SMR:
 - i. The times each water level measurement was taken;
 - ii. The type of pump or other device used to purge and elevate pump intake level relative to screening interval;
 - iii. The purging methods used to stabilize water in the well bore before sampling (including pumping rate);
 - iv. The equipment and methods used for monitoring pH, temperature and electrical conductivity (EC) during purging activity, and the results of such monitoring;
 - v. Methods for disposing of purged water; and
 - vi. The type of device used for sampling, if different than the one used for purging.
- e. Evaluation of concentrations for all Constituent Parameters, comparison to current Concentration Limits, and results of any Retesting Procedures per Section B.4.g.
- f. In the event of a verified exceedance of Concentration Limit(s), any actions taken per Section J of the SPRRs (*Response to Release*) for wells and/or constituents not already specifically addressed in Corrective Action Monitoring under this MRP.
- g. Evaluation as to effectiveness of existing runoff/run-on control facilities.
- h. Summaries of all Regular Visual Inspections conducted per **Section D.3** during the reporting period.

- i. For closed units, summaries of inspections, leak searches and final cover repairs conducted in accordance with an approved Post-Closure Maintenance Plan per Standard Provisions G.26-29 (*Standard Closure and Post-Closure Maintenance Specifications*).
- j. Laboratory statements of results of all analyses evaluating compliance with the WDRs.

2. Annual Monitoring Reports (AMRs)

On 1 February of each year,⁵ the Discharger shall submit an Annual Monitoring Report (AMR) containing following materials and information:

- a. In tabulated format, all monitoring data for which annual reporting is required under this MRP. (See **Section E.8.b** for additional requirements for monitoring reports.)
- b. Graphs of historical trends for all Monitoring Parameters (if such analyses were performed) with respect to each monitoring point over the five prior calendar years.⁶
- c. An evaluation of Monitoring Parameters with regard to the cation/anion balance, and graphical presentation of same in a Stiff diagram, Piper graph or Schoeller plot.
- d. All historical monitoring data for which there are detectable results, including data for the previous year, shall be submitted in tabular form in a digital file.
- e. For each groundwater well, quarterly hydrographs showing the elevation of groundwater with respect to the top and bottom of the screened interval, and the elevation of the pump intake,

⁵ The Annual Monitoring Report may be combined with the Semiannual Monitoring Report for 1 July through 31 December of the same year, provided that the combination is clearly indicated in the title.

⁶ Each graph shall contain individual data points (not mean values) and be appropriately scaled to accurately depict statistically significant trends or variations in water quality.

- f. A comprehensive discussion of the Facility's compliance record, and the result of any corrective actions taken or planned which may be needed to attain full compliance with the WDRs.
- g. A summary of the monitoring results, indicating any changes made or observed since the previous AMR.
- h. Annual updates to the Concentration Limits for all Monitoring Parameters and WQPS Monitoring Points, in accordance with **Section B.4.g** of this Order.

3. Annual Facility Inspection Report

By **15 November**, the Discharger shall submit a report with results of the Annual Facility Inspection per **Section D.2**. The report shall discuss any repair measures implemented, any preparations for winter, and include photographs of any problem areas and repairs.

4. Major Storm Event Reports

Immediately following each post-storm inspection described in **Section D.3**, the Discharger shall notify Central Valley Water Board staff of any damage or significant erosion (upon discovery). Subsequent repairs shall be reported to the Central Valley Water Board (together with before and after photos of the repaired areas) within 14 days of completion.

5. Survey and Iso-Settlement Map

The Discharger shall submit all iso settlement maps prepared in accordance with **Section D.6**. (Title 27, § 21090, subd. (e).)

6. Financial Assurances Report

By 1 June of each year, the Discharger shall submit a copy of the annual financial assurances report due to the California Department of Resources Recycling and Recovery (CalRecycle) that updates the financial assurances for closure, post-closure maintenance, and corrective action. (See WDRs Order.)

7. Water Quality Protection Standard Report

Any proposed changes⁷ to the Water Quality Protection Standard (WQPS) components (§ B.4), other than periodic update of the Concentration Limits (§ B.4.g), shall be submitted in a WQPS Report for review and approval. The report shall be certified by a “Qualified Professional” (§ B), and contain the following:

- a. *Potentially Affected Waterbodies*—An identification of all distinct bodies of surface water and groundwater potentially affected by a WMU release (including, but not limited to, the uppermost aquifer and any permanent or ephemeral zones of perched groundwater underlying the Facility);
- b. *Map of Monitoring Points*—A map of all groundwater, surface water⁸ and unsaturated zone monitoring points (including all background/upgradient and Point of Compliance monitoring points);
- c. *Groundwater Movement*—An evaluation of perennial direction(s) of groundwater movement within the uppermost zone(s);
- d. *Statistical Method for Concentration Limits*—A proposed statistical method for calculating Concentration Limits for Monitoring Parameters detected in at least 10 percent of the background data (naturally-occurring constituents) using a statistical procedure from subdivisions (e)(8)(A)-(D) or (e)(8)(E) of Title 27, section 20415; and
- e. *Retesting Procedure*—A retesting procedure to confirm or deny measurably significant evidence of a release (Title 27, §§ 20415(e)(8)(E), 20420(j)(1)-(3)).

⁷ If subsequent sampling of the background monitoring point(s) indicates significant water quality changes due to either seasonal fluctuations or other reasons unrelated to onsite waste management activities, the Discharger may request modification of the WQPS.

⁸ To the extent that surface water monitoring is included in the Detection Monitoring Program.

8. General Reporting Provisions

a. Transmittal Letters

Each report submitted under this MRP shall be accompanied by a Transmittal Letter providing a brief overview of the enclosed report, as well as the following:

- i. Any violations found since the last report was submitted, a description of all actions undertaken to correct the violation (referencing any previously submitted time schedules for compliance), and whether the violations were corrected; and
- ii. A statement from the submitting party, or its authorized agent, signed under penalty of perjury, certifying that, to the best of the signer's knowledge, the contents of the enclosed report are true, accurate and complete.

b. Monitoring Data and Reports

i. Electronic Submission via GeoTracker

All reports with monitoring data (e.g., SMRs and AMRs) shall be submitted electronically via the State Water Board's [Geotracker Database](https://geotracker.waterboards.ca.gov) (<https://geotracker.waterboards.ca.gov>). After uploading a report, the Discharger shall notify Central Valley Water Board staff via email at CentralValleyFresno@WaterBoards.ca.gov. The following information shall be included in the body of the email:

Attention:	Site Cleanup
Report Title:	[Title of Report]
GeoTracker Upload ID:	SL185224250
Facility Name:	Producers Cotton Oil Company
County:	Fresno County
CIWQS Place ID:	249260

ii. Data Presentation and Formatting

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible. Additionally, data shall be summarized in a manner that clearly illustrates compliance/noncompliance with WDRs.

iii. Non-Detections / Reporting Limits

Unless the reporting limits (RL) are specified in the same table, non-detections and sub-RL concentrations shall be reported as “< [limit]” (e.g., “< 5 µg/L”).

iv. Units

Absent specific justification, all monitoring data shall be reported in the units specified herein.

c. Compliance with SPRRs

All reports submitted under this MRP shall comply with applicable provisions of the SPRRs, including those in Section I (Standard Monitoring Specifications) and Section J (Response to Release).

d. Additional Requirements for Monitoring Reports

Every monitoring report submitted under this MRP (e.g., SMRs [§ E.1], AMRs [§ E.2]) shall include a discussion of relevant field and laboratory tests, and the results of all monitoring conducted at the site shall be reported to the Central Valley Water Board in accordance with the reporting schedule above for the calendar period in which samples were taken or observations made.

F. Record Retention Requirements

The Discharger shall maintain permanent records of all monitoring information, including without limitation: calibration and maintenance records; original strip chart recordings of continuous monitoring instrumentation; copies of all reports required by this MRP; and records of all data used to complete the application for WDRs. Such records shall be legible, and show the following for each sample:

1. Sample identification and the monitoring point or background monitoring point from which it was taken, along with the identity of the individual who obtained the sample;
2. Date, time and manner of sampling;
3. Date and time that analyses were started and completed, and the name of the personnel and laboratory performing each analysis;
4. A complete list of procedures used (including method of preserving the sample, and the identity and volumes of reagents used);

5. A calculation of results; and
6. The results of all analyses, as well as the MDL and PQL for each analysis (all peaks shall be reported).

ENFORCEMENT

If, in the opinion of the Executive Officer, the Discharger fails to comply with the provisions of this Order, the Executive Officer may refer this matter to the Attorney General for judicial enforcement, may issue a complaint for administrative civil liability, or may take other enforcement actions. Failure to comply with this Order may result in the assessment of Administrative Civil Liability of up to \$10,000 per violation, per day, depending on the violation, pursuant to the Water Code, including sections 13268, 13350 and 13385. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

ADMINISTRATIVE REVIEW

Any person aggrieved by this Central Valley Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. To be timely, the petition must be received by the State Water Board by 5:00 pm on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday or state holiday, the petition must be received by the State Water Board by 5:00 pm on the next business day. The law and regulations applicable to filing petitions are available on the [State Water Board website](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) (http://www.waterboards.ca.gov/public_notices/petitions/water_quality). Copies will also be provided upon request.